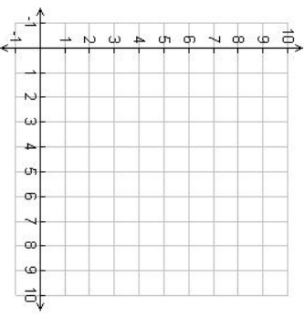
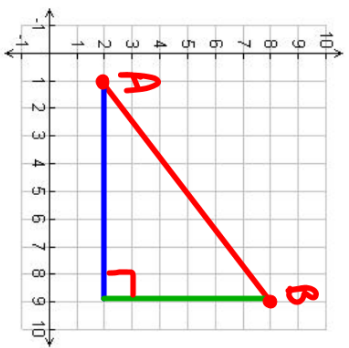
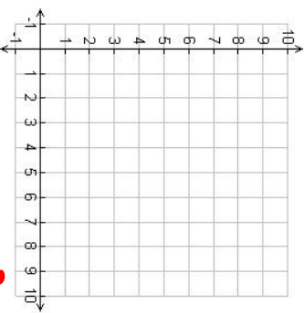


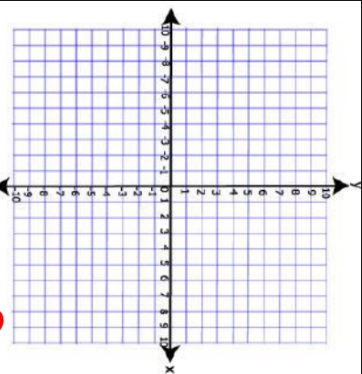
The Distance Formula



$A(1, 3)$ $AD=?$
 $D(9, 7)$



$E(1, 8)$ $EG=?$
 $G(9, 5)$

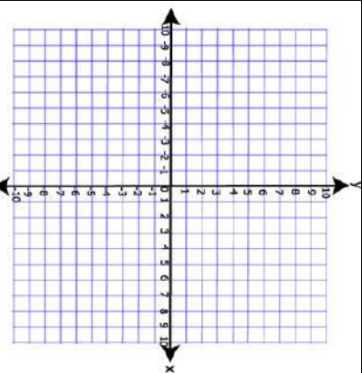


$M(-7, 2)$ $MK = ?$
 $K(-7, 8)$

Are the two segments congruent?

$\overline{AB}$: $A(-1, 1), B(-3, 8)$

$\overline{CD}$: $C(-3, 1), D(0, -4)$



$C(-7, -6)$ $CD = ?$
 $D(9, 3)$

Are the two segments congruent?

$\overline{EF}$: $E(1, 3), F(5, 0)$

$\overline{GH}$: $G(-3, 1), H(1, 4)$

Are the two segments congruent?

$\overline{JK}$: $J(-3, 0), K(5, 8)$

$\overline{LM}$: $L(-4, 1), M(3, 8)$